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**DECLARATION FOR UTILITY OR  
DESIGN  
PATENT APPLICATION  
(37 CFR 1.63)**



Declaration  
Submitted  
With Initial  
Filing

OR



Declaration  
Submitted after Initial  
Filing (surcharge  
(37 CFR 1.16 (e))  
required)

Attorney Docket Number

D-488

First Named Inventor

Robert L. Wong

COMPLETE IF KNOWN

Application Number

Filing Date

Art Unit

Examiner Name

**I hereby declare that:**

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Spacecraft Off-Gimbal Precision Payload Pointing and Disturbance Rejection System

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

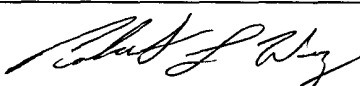
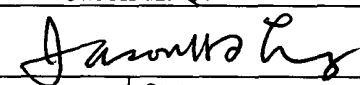
[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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**DECLARATION — Utility or Design Patent Application**

Direct all correspondence to: <input type="checkbox"/> Customer Number: <span style="border: 1px solid black; display: inline-block; width: 100px; height: 1.2em; vertical-align: middle;"></span>		OR <input checked="" type="checkbox"/> Correspondence address below	
Name <b>Carole A. Mulchinski, The Aerospace Corporation</b>			
Address <b>2350 East El Segundo Boulevard</b>			
Mail Stop M1/040			
City <b>El Segundo</b>		State <b>CA</b>	ZIP <b>90245</b>
Country <b>U.S.A.</b>	Telephone <b>310-336-6709</b>	Fax <b>310-336-0285</b>	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>Robert L.</b>		Family Name or Surname <b>Wong</b>	
Inventor's Signature 			Date <b>8/4/03</b>
Residence: City <b>South Pasadena</b>	State <b>CA</b>	Country <b>U.S.A.</b>	Citizenship <b>U.S.A.</b>
Mailing Address <b>4936 Harriman Avenue</b>			
City <b>South Pasadena</b>	State <b>CA</b>	ZIP <b>91030</b>	Country <b>U.S.</b>
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) <b>Jason H. Q.</b>		Family Name or Surname <b>Ly</b>	
Inventor's Signature 			Date <b>8/4/03</b>
Residence: City <b>Torrance</b>	State <b>CA</b>	Country <b>U.S.A.</b>	Citizenship <b>U.S.</b>
Mailing Address <b>200005 Mansel Avenue</b>			
City <b>Torrance</b>	State <b>CA</b>	ZIP <b>90503</b>	Country <b>U.S.</b>
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>1</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental SheetPage 1 of 1

<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Philip R.		Dahl	
Inventor's Signature <i>PR Dahl</i>		Date <i>8-4-03</i>	
Residence: City Encino	State CA	Country U.S.A.	Citizenship U.S.A.
Mailing Address 16919 Strawberry Drive			
Mailing Address			
City Encino	State CA	Zip 91436	Country U.S.A.
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Arthur C.		Or	
Inventor's Signature <i>Arthur C.</i>		Date <i>8/4/03</i>	
Residence: City Los Angeles	State CA	Country U.S.A.	Citizenship U.S.A.
Mailing Address 10810 Lawler Street			
Mailing Address			
City Los Angeles	State CA	Zip 90034	Country U.S.
<b>Name of Additional Joint Inventor, if any:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Robert L. Wong, Jason H. Q. Ly, Philip R. Dahl, Arthur C. Or  
Application No.: Unassigned                      Group No.: Unassigned  
Filed: Herewith                                      Examiner: Unassigned  
For: Spacecraft Off-Gimbal Precision Payload Pointing and Disturbance Rejection System

**Assistant Commissioner for Patents  
Washington, DC 20231**

**POWER OF ATTORNEY**

THE AEROSPACE CORPORATION, having become the owner of all rights in and to the above-identified application by virtue of an Assignment executed by the inventor(s): Karl William Baker concurrently with the execution of this application, said Assignment:

☒ [X] being submitted herewith for recording;

hereby revokes all prior powers and now appoints:

Derrick Michael Reid, Registration No. 32,096

to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and before competent International authorities.

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**SEND CORRESPONDENCE TO:**

The Aerospace Corporation  
Ms. Carole A. Mulchinski  
2350 East El Segundo Blvd. M1/040  
El Segundo, CA 90245

**DIRECT TELEPHONE CALLS TO:**

(310) 336-6709

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The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Date: 8/4/03



Signature

By: Robert Donald Matthews

Title: Assistant General Counsel

For: The Aerospace Corporation

Assignee